

Steamfitter I

DEFINITION

This is journeyman level work covered under the Province of Alberta Steamfitter-Pipefitter Trade Regulation.

Work of this class involves the installation, maintenance, repair and testing of boilers, components and piping for heating, ventilation and air conditioning systems. Work is generally performed independently with considerable latitude for determining specific work methods and is subject to inspection during progress and/or upon completion. Assignments are in the form of oral and/or written instructions and may be accompanied by detailed sketches, plans and blueprints, specifications and main schedules. Incumbents in this class may be assigned supervision over apprentices or helpers as required.

TYPICAL DUTIES*

Performs preventative maintenance to hot water and steam heating systems.

Installs hot water and steam heating systems required due to upgrading and/or renovations.

Applying codes to installation requirements.

Rigging equipment and piping components.

Installing, troubleshooting and repairing boilers and controls, as well as heat exchange equipment and controls.

Installing and maintaining pumps, valves, piping systems and related equipment.

Installing components in heating ventilation and air conditioning systems.

Interprets layouts, drawings, blueprints and manufacturer's specifications.

Estimates materials, equipment and labour requirements for specific jobs.

Performs related duties as required.

KNOWLEDGE, ABILITIES AND SKILLS

Considerable knowledge of the standard methods, practices, materials, tools and equipment of the steamfitter trade.

Knowledge of the occupational hazards and safety precautions applicable to the work of the trade.

Ability to understand and execute oral and written instructions and to interpret technical plans and specifications.

Skill in the use and care of a variety of hand and power tools and equipment of the trade.

Knowledge of applicable acts and code regulations.

Ability to drive and operate a service truck.

TRAINING AND EXPERIENCE REQUIREMENTS**Job Level**

Alberta Certificate of Proficiency in the steamfitter-pipefitter trade. Possession of a valid Class 5 Alberta motor vehicle operator's licence and an emergence first aid certificate.

** This is a class specification and not an individualized job description. A class specification represents and defines the general character, scope of duties and responsibilities of all positions within a specific job classification. It is not intended to describe nor does it necessarily list the essential job functions for a specific position in a classification. Positions may perform some of the duties listed above but this does not necessarily qualify for placement into this classification.*

Salary Plan	<u>10M</u>	<u>10A</u>	<u>10B</u>	<u>10C</u>
Job Code	0089			

Last Updated:

Previous Updates:

Originated:

1996-03